

XP002901447

- (C) WPI / DERWENT
- AN - 1983-21374K [09]
- PR - JP19810091910 19810615
- TI - Electroless plated material - has metallic oxide layer coated on its surface onto which metal is electrolessly plated
- IW - ELECTROLESS PLATE MATERIAL METALLIC OXIDE LAYER COATING SURFACE METAL ELECTROLESS PLATE
- PA - (SUWA ) SUWA SEIKOSHA KK
- PN - JP58011772 A 19830122 DW198309 004pp
- IC - C03C17/10 ; C08J7/04 ; C23C3/02
- AB - J58011772 Electroless plated material (I) has a coated layer of one or more metallic oxides selected from Sb3O5, Ta2O5, Nb2O5, SiO2, GeO2, ZrO2, Cr2O3 on an insulating material substrate. Further (I) has a thin metallic film formed on its thin film by electroless plating.
- Coated layer is pref. a hydrolysed layer of metal alkoxide.
- (I) eliminates the use of mechanical grinding and/or chemical polishing that is conventionally required in performing electroless plating on an insulating material so as to improve the adhesion of metallic plating and to obtain a uniform plated film. Despite this, (I) displays excellent adhesion and a uniform plated film on such insulating materials as glass, plastics, ceramics, and crystals.

*Sol gel*